

**ENVIRONMENTAL ASSESSMENT FOR
FORCE STRUCTURE CHANGE AT
SHAW AIR FORCE BASE,
SOUTH CAROLINA**



**Air Combat Command
November 2002**

ACRONYMS AND ABBREVIATIONS

AAM	Annual Arithmetic Mean	MOA	Military Operations Area
ACC	Air Combat Command	MR_NMAP	MOA_Range Noise Map
ACHP	Advisory Council on Historic Preservation	MSL	mean sea level
AEF	Aerospace Expeditionary Force	MTR	Military Training Range
AEW	Aerospace Expeditionary Wing	NAAQS	National Ambient Air Quality Standards
AFB	Air Force Base	National Register	National Register of Historic Places
AFBI	Air Force Base Instruction	NEPA	National Environmental Policy Act
AFI	Air Force Instruction	NHPA	National Historic Preservation Act
AFOSH	Air Force Occupational Safety and Health	NM	nautical miles
AGL	above ground level	NO ₂	nitrogen dioxide
AGM	Annual Geometric Mean	NWR	National Wildlife Refuge
AICUZ	Air Installation Compatible Use Zone	O ₃	ozone
Air Force	United States Air Force	P.L.	Public Law
APZ	Accident Potential Zone	PAI	Primary Aircraft Inventory
AR	Airspace Refueling Tracks	Pb	lead
ARTCC	Air Route Traffic Control Center	PM ₁₀	particulate matter less than 10 micrometers in diameter
ATC	Air Traffic Control	PM _{2.5}	particulate matter less than 2.5 micrometers in diameter
ATCAA	Air Traffic Control Assigned Airspace	PMAI	Primary Mission Aircraft Inventory
BASH	Bird-Aircraft Strike Hazard	ppb	parts per billion
BDU	bomb dummy unit	ppm	parts per million
CAA	Clean Air Act	PSD	Prevention of Significant Deterioration
CCIP	Common Configuration Implementation Plan	ROI	region of influence
CEQ	Council on Environmental Quality	SAT	surface attack tactics
CFR	Code of Federal Regulations	SEAD	Suppression of Enemy Air Defenses
CO	carbon monoxide	SEL	Sound Exposure Level
CZ	Clear Zone	SHPO	State Historic Preservation Office
dB	decibel	SIP	State Implementation Plan
dba	A-weighted sound level	SO ₂	sulfur dioxide
DNL	Day-Night Average Sound Level	SR	State Route
DoD	Department of Defense	USC	United States Code
EA	Environmental Assessment	USDCESA	United States Department of Commerce, Economics, and Statistics Administration
EAF	Expeditionary Air Force	USDOT	United States Department of Transportation
EBS	Environmental Baseline Survey	USEPA	United States Environmental Protection Agency
EO	Executive Order	USFWS	United States Fish and Wildlife Service
EOD	Explosive Ordnance Disposal	UTBNI	Up To, But Not Including
ESA	Endangered Species Act	VFR	Visual Flight Rules
FAA	Federal Aviation Administration	VR	Visual Route
FL	Flight Level	WMA	Wildlife Management Area
FONSI	Finding of No Significant Impact	µg/m ³	micrograms per cubic meter
FW	Fighter Wing		
FY	Fiscal Year		
HAP	High Accident Potential		
HARM	High-Speed Anti-Radiation Missiles		
IFR	Instrument Flight Rules		
IR	Instrument Route		
JCLUS	Joint Compatible Land Use Study		
L _{dnmr}	onset rate adjusted monthly day night sound level		
LOWAT	low altitude training		
mm	millimeter		